



Society of Floating Solutions (Singapore)

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Roboat – Autonomy on the Waterways

Roboat commenced in 2020 as a research project by MIT and the AMS Institute. The research project delved into the potential of autonomy within Amsterdam's waterways, exploring myriad fascinating autonomous concepts. These concepts ranged from floating on-demand infrastructure to water taxis and waste containers. In 2023, Roboat transitioned into an independent company, redirecting its primary objective towards the commercialization of its technology. Presently, Roboat concentrates on developing systems capable of making any boat autonomous within the inland waterways. One of the current highlights is the creation of an autonomous, electric, and 3D printed ferry built for use during the 2024 Olympic Games in Paris. In this talk, Rens Doornbusch will connect the broader application of autonomy on water to a step-by-step process of implementing automation on ferries.

Website: <https://roboat.tech/>

LinkedIn: <https://www.linkedin.com/company/roboat-tech>



Rens Doornbusch serves as the Chief Technology Officer (CTO) of the Roboat company. He has a background in Industrial Engineering and harbors a strong interest in Robotics. His involvement with Roboat commenced in 2020 when it was still a research project by MIT and the AMS Institute.

18 JANUARY 2024 (THU)
4.00 – 5.00 PM SGT | VIA ZOOM

Meeting-ID: 879 5465 8185 ; Code: 747444

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